

Tuesday, June 8, 2004

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## Discovery, Atlantis in power-down mode for modifications

▲ **Shuttle Update:** *Discovery* entered a month-long power-down period June 2 in the Orbiter Processing Facility for its Return to Flight mission, STS-114, to the International Space Station. During this period, modifications will include wiring to support the addition of the boom sensor system and External Tank separation camera, and installation of the wing leading-edge sensors. Work completed prior to the power-down period included left-hand Orbital Maneuvering System (OMS) pod thruster installation, air data probe leak tests and KU-Band system testing and antenna deploy. Also, the right-hand OMS pod was moved to the OPF and should be installed within the next few weeks.

In the OPF, *Atlantis* has now entered a four-month power-down period to complete Return to Flight modifications, as well as structural and baseline wire inspections.

**Endeavour** is in its Orbiter Major Modification period, which began last December. Electrical modifications continue in the crew module. Wire inspections are ongoing in the Environmental Control and Life Support System bay.

▲ **ISS Update:** Preparations for the crew's upcoming spacewalk are

underway. The crew is configuring the Russian spacesuits to be used for the excursion, and charging cordless tools and batteries that will be used in the suits. The spacewalk is scheduled for no earlier than June 15.

This will be the first bilaterally coordinated spacewalk in history, with flight controllers in Houston and Moscow taking turns as the primary ground support team. Late this week, the crew is slated to climb into the spacesuits for a dress rehearsal of the suit-up and a systems checkout that will clear the way for the spacewalk.

### ◆ **Disability Awareness & Action Working Group (DAAWG) presents employee focus sessions**

The DAAWG invites contractor and civil service employees to attend one of two focus sessions to discuss the goals and objectives of the group, activities planned for the year, and how interested employees can participate. The focus sessions will include time to network and further discuss areas of interest. Light refreshments will be available during the networking session. Dates are **June 9**, HQ Cafeteria, 1:30 – 3 p.m.; and **June 11**, MFF Cafeteria, 1 – 3 p.m. To help facilitate arrangements, please RSVP to Peggy Parrish at 476-4000 or by e-mail at [Peggy.G.Parrish@nasa.gov](mailto:Peggy.G.Parrish@nasa.gov).

## ISS crew prepares for historic space- walk June 15

### ◆ **Cape Canaveral Spaceport Symposium features NASCAR driver**

The guest luncheon speaker at the 8th Annual Cape Canaveral Spaceport Symposium June 16 is NASCAR driver Ashton Lewis. The symposium is being held June 15-16 at the Radisson Resort at the Port, Cape Canaveral. The theme of this year's Symposium is "Partnerships for the Future." Lewis' presentation, "Racing and Space Enterprise: Sharing Technology to Improve Our Efficiency," will focus on the similarities between racing and the space businesses. These include technology development in fuels, composite materials, metal alloys and tires, public and operation safety, risk management, maintenance logistics and public relations.

The symposium is sponsored by the Air Force 45th Space Wing, NASA KSC and the Florida Space Authority. For further information, call 386-423-0560. To register, visit [www.capecanaveral.spaceport.org](http://www.capecanaveral.spaceport.org).

◆ **Did You Know?** KSC will celebrate Take Our Children to Work Day on Tuesday, July 27. Children must be at least 9 years of age to participate. Program details will be available in the near future. Stay tuned!

